

CLAIMS

What is claimed is:

1. A pressure washing system, comprising:
 - 5 a pump operable to produce a flow of a first liquid;
 a storage tank operable to store a second liquid and to pressurize the second liquid within the storage tank to produce a flow of second fluid from the storage tank; and
 a wand assembly coupled to the pump and to the storage tank, wherein the wand assembly is adapted to produce a spray of first liquid and a spray of second liquid that is
10 directed towards the spray of first liquid.
2. The pressure washer as recited in claim 1, comprising an engine drivingly coupled to the pump.
- 15 3. The pressure washer as recited in claim 1, comprising a compressor coupled to the storage tank to enable the compressor to pressurize the storage tank.
4. The pressure washer as recited in claim 1, wherein the wand assembly comprises:
 - 20 a first wand coupled to the pump; and
 a second wand secured to the first wand and coupled to the storage tank,
 wherein the first wand is operable to control the flow of the first liquid from the pump to the first wand and the second wand is operable to control the flow of the second liquid from the storage tank to the second wand.
- 25 5. The pressure washer as recited in claim 4, wherein the second wand comprises an isolation valve operable to establish or secure the flow of second liquid through the second wand.

6. The pressure washer as recited in claim 5, wherein the second wand comprises a throttle valve operable to throttle the flow of second liquid through the second wand.

5 7. The pressure washer as recited in claim 4, comprising an adapter assembly secured to the first wand and the second wand, wherein the adapter assembly comprises a first orifice and the flow of second liquid is directed through the first orifice to produce a second spray that is directed towards the spray of first liquid.

10 8. The pressure washer as recited in claim 7, wherein the adapter assembly comprises a second orifice to produce the spray of first liquid.

9. A kit for modifying a pressure washer system, comprising:
a storage tank operable to store a liquid under pressure; and
a wand assembly in fluid communication with the storage tank and securable to a
15 pressure washer wand, wherein the wand assembly is operable to direct pressurize liquid from the storage tank into a high-pressure spray of liquid produced from the pressure washer wand.

20 10. The kit as recited in claim 9, comprising a compressor operable to pressurize the storage tank.

11. The kit as recited in claim 9, wherein the wand assembly comprises at least one bracket to secure the wand assembly to the pressure washer wand.

25 12. The kit as recited in claim 9, wherein the storage tank comprises a fitting to enable the storage tank to be pressurized by an external source of pressure.

13. The kit as recited in claim 9, wherein the wand assembly comprises a low-pressure wand comprising an isolation valve to enable a user to control the flow of pressurized liquid from the storage tank.

5 14. The kit as recited in claim 12, wherein the wand assembly comprises a throttle valve in series with the isolation valve to enable a user to throttle the flow of pressurized liquid from the storage tank when the isolation valve is open.

10 15. The kit as recited in claim 13, wherein the wand assembly comprises an adapter assembly removably securable to the pressure washer wand, wherein the adapter assembly comprises an orifice to produce a spray of liquid from the storage tank.

16. The kit as recited in claim 14, wherein the adapter assembly comprises a quick coupling coupleable to a corresponding quick coupling on the pressure washer wand.

15 17. The kit as recited in claim 14, wherein the adapter assembly comprises an orifice operable to produce a high-pressure spray from a flow of liquid from the pressure washer wand.

20 18. A method of manufacturing a pressure washing system, comprising:
securing a first pressure washing wand to a second pressure washing wand;
coupling the first pressure washing wand to a liquid storage tank operable to
pressurize a first liquid disposed therein; and
coupling the second pressure washing wand to a pump operable to pump a second
25 liquid.

19. The method as recited in claim 18, comprising coupling a compressor to the liquid storage tank.

20. The method as recited in claim 18, comprising coupling a gas cylinder to the liquid storage tank.